See MPEP

3.

4.

b.

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5. Oath or Declaration



Citations

Date November 29, 2000

Statement (IDS)/PTO-1449

Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

Preliminary Amendment

PTO/SB/05 (08-00)

| PATENT APPLICATION TRANSMITTAL  (Conly for new nonprovisional applications under 37 CFR 1.53(b))  APPLICATION ELEMENTS  APPLICATION ELEMENTS  APPLICATION ELEMENTS  APPLICATION ELEMENTS  APPLICATION ELEMENTS  APPLICATION ELEMENTS  ASSISTANT Commissioner for Patents  ASSISTANT Commissioner for Patents  ASSISTANT Commissioner for Patents  ASSISTANT Commissioner for Patents  Box Patent Application Washington, DC 20231  7. □ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  Sung-Ho CHOI et al.  ASSISTANT Commissioner for Patents  Box Patent Application Washington, DC 20231  7. □ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. □ Computer Program (Appendix)  b. Specification Sequence Listing on: i.□ CD-ROM or CD-R (2 copies); or ii.□ paper  c. □ Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. □ Assignment Papers (cover sheet & document(s))  10. □ 37 CFR 3.73(b) Statement  | Please type a plus sign (+) inside this box — + Under the Paperwork Reduction Act of 1995, no persons are required to resp  | U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE cond to a collection of information unless it displays a valid OMB control number.  |  |  |  |  |
|--|---|---|--|--|--|--|
| TRANSMITTAL  (Only for new nonprovisional applications under 37 CFR 1.53(b))  APPLICATION ELEMENTS  The MPEP chapter 600 concerning utility patent application contents.  ADDRESS TO:  Assistant Commissioner for Patents, Box Patent Application Washington, DC 20231  Total Pages [32]   Gerefored arrangement set forth below)  - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Summary of the Invention - Claim(s) - Abstract of the Disclosure  Title  Apparatus and Method for Assigning a Common:  Express Mail Label No.  EL260887645US  Assistant Commissioner for Patents, Box Patent Application Washington, DC 20231  Total Pages [32]   Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  10. (when there is an assignee)  Total Sheets [47]   Inversion of Patents, Assignment Papers (cover sheet & document(s))  Express Mail Label No. EL260887645US  ADDRESS TO: Box Patent Application Washington, DC 20231  7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  10. (when there is an assignee)  11. English Translation Document (if applicable)   | UTILITY   |   |  |  |  |  |
| Conly for new nonprovisional applications under 37 CFR 1.53(b)    Express Mail Label No.   EL260887645US   | PATENT APPLICATION  | First Inventor Sung-Ho CHOI et al.  |  |  |  |  |
| APPLICATION ELEMENTS  The MPEP chapter 600 concerning utility patent application contents.  ADDRESS TO:  Assistant Commissioner for Patents Box Patent Application Washington, DC 20231  The Fee Transmittal Form (e.g., PTO/SB/17)  (Submit an original and a duplicate for fee processing)  Applicant claims small entity status.  See 37 CFR 1.27.  Specification  [Total Pages []32]]  (preferred arrangement set forth below)  Descriptive title of the invention  Cross Reference to Related Applications  Statement Regarding Fed sponsored R & D  Reference to sequence listing, a table, or a computer program listing appendix  Background of the Invention  Brief Description  Claim(s)  Abstract of the Disclosure  ADDRESS TO:  Assistant Commissioner for Patents, Box Patent Application Washington, DC 20231  To CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable)  5. Specification Sequence Listing on:  i. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable)  5. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  10. (when there is an assignee) Attorney  11. English Translation Document (if applications and interpletion and interpletion for program (Appendix)  12. (appendix)  13. (b) Statement set forth below)  14. (application Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. CD-ROM or CD-R (2 copies); or  i | Transmittal   | Title Apparatus and Method for Assigning a Common.  |  |  |  |  |
| ## ADDRESS TO: Box Patent Application Washington, DC 20231  ## Fee Transmittal Form (e.g., PTO/SB/17)    Specification   Speci | (Only for new nonprovisional applications under 37 CFR 1.53(b))   | Express Mail Label No. EL260887645US  |  |  |  |  |
| Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)  Applicant claims small entity status. See 37 CFR 1.27.  Specification  - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description - Claim(s) - Abstract of the Disclosure  Fee Transmittal Form (e.g., PTO/SB/17)  (Submit an original and a duplicate for fee processing)  7.   | • • • • • • • • • • • • • • • • • • •   | ADDRESS TO: Box Patent Application  |  |  |  |  |
| Drawing(s) (35 U.S.C. 113) [ Total Sheets 47 ]   | Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)  Applicant claims small entity status. See 37 CFR 1.27.  Specification [Total Pages [32]] (preferred arrangement set forth below)  - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) | 7. □ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. □ Computer Readable Form (CRF)  b. Specification Sequence Listing on:     i.□ CD-ROM or CD-R (2 copies); or     ii.□ paper c. □ Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. □ Assignment Papers (cover sheet & document(s))  37 CFR 3.73(b) Statement □ Power of |  |  |  |  |
|  |   |   |  |  |  |  |

| Signed sta  | atement attached<br>the prior applicat<br>and 1.33(b).   |                               |       | 15.<br>16.                            | Certifie (if forei   | d Copy of Pric<br>gn priority is c<br>Check for<br>Util, App | prity Docume<br>claimed)<br>\$980.00 (1 |                |
|---|--|-------------------------------|-------|---------------------------------------|----------------------|--|---|----------------|
| 17. If a CONTINUING APPLI or in an Application Data Sh  | eet under 37 C<br>Divisional   | FR 1.76: Continuation-in-part | (CIP) | oly the red                           | of prior application | n No.:   |   | <del></del>    |
| For CONTINUATION OR DIVIS<br>Box 5b, is considered a part o   | Prior application information:  Examiner  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. |                               |       |                                       |                      |  |   |                |
|   |  | 18. CORRESP                   | OND   | ENCE AD                               | DRESS                |  |   |                |
| Customer Number or Ber Code Label  (Insert Customer No. or Attach bar code label here)  or M Correspondence address below |  |                               |       |                                       |                      |  |   |                |
| Name  | Paul J. Farre  | ell, Esq.                     |       | · · · · · · · · · · · · · · · · · · · |                      |  |   |                |
|   | Dilworth &   | Barrese, LLP                  |       |                                       |                      | ·  |   |                |
| Address   | 333 Earle O  | vington Blvd.                 |       | ·                                     |                      |  |   |                |
| City  | Uniondale  | lale Sta                      |       | State                                 | NY                   |  | Zip Code                                | 11553          |
| Country   | U.S.   | _                             | Tele  | ephone                                | (516) 228-           | 3484   | Fax                                     | (516) 228-8516 |
| Name (Print/Type)   | Paul J_Farre   | ell                           |       | Re                                    | gistration No        | . (Attorneyl)  | Agent) 3                                | 3,494          |

[ Total Pages \_\_\_\_\_ ]

Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 17 completed)

CERTIFICATION UNDER 37 C.F.R. § 1.10 I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL260887645US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington D. 2023.

Dated: November 29, 2000

Name (Print/Type)

Signature

(Name) Theodosios Thomas





PTO/SB/17 (09-00)
Approved for use through 10/31/2002. OMB 0651-0032
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## FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 980.00

| Complete if Known    |                     |  |  |  |
|----------------------|---------------------|--|--|--|
| Application Number   |                     |  |  |  |
| Filing Date          |                     |  |  |  |
| First Named Inventor | Sung-Ho CHOI et al. |  |  |  |
| Examiner Name        |                     |  |  |  |
| Group Art Unit       |                     |  |  |  |
| Attorney Docket No.  | 678-569 (P9606)     |  |  |  |

| METHOD OF PAYMENT   | FEE CALCULATION (continued)  |         |  |  |  |
|---|--|---------|--|--|--|
| 1. The Commissioner is hereby authorized to charge                            | norized to charge 3. ADDITIONAL FEES   |         |  |  |  |
| indicated fees and credit any overpayments to:  Deposit                       | Large Entity Small Entity  Fee Fee Fee Fee Fee Fee Description  Fe                       | ee Paid |  |  |  |
| Account Number 04-1121  | Code (\$) Code (\$)  | ee Falu |  |  |  |
| Deposit   | 105 130 205 65 Surcharge - late filing fee or oath                                       |         |  |  |  |
| Account Name Dilworth & Barrese, LLP  | 127 50 227 25 Surcharge - late provisional filing fee or cover sheet                     |         |  |  |  |
| Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17                 | 139 130 139 130 Non-English specification  |         |  |  |  |
| Applicant claims small entity status.   | 147 2,520 147 2,520 For filing a request for ex parte reexamination                      |         |  |  |  |
| See 37 CFR 1.27   | 112 920° 112 920° Requesting publication of SIR prior to Examiner action                 |         |  |  |  |
| 2. 🗷 Payment Enclosed:  | 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action                |         |  |  |  |
| FEE CALCULATION   | 115 110 215 55 Extension for reply within first month                                    |         |  |  |  |
|   | 116 390 216 195 Extension for reply within second month                                  |         |  |  |  |
| 1. BASIC FILING FEE Large Entity Small Entity                                 | 117 890 217 445 Extension for reply within third month                                   |         |  |  |  |
| Fee Fee Fee Fee Description   | 118 1,390 218 695 Extension for reply within fourth month                                |         |  |  |  |
| 404 740 204 255 Living files for  | 128 1,890 228 945 Extension for reply within fifth month                                 |         |  |  |  |
| 106 320 206 160 Design filing fee \$710.00                                    | 119 310 219 155 Notice of Appeal   |         |  |  |  |
| 107 490 207 245 Plant filing fee  | 120 310 220 155 Filing a brief in support of an appeal                                   |         |  |  |  |
| 108 710 208 355 Reissue filing fee  | 121 270 221 135 Request for oral hearing   |         |  |  |  |
| 114 150 214 75 Provisional filing fee   | 138 1,510 138 1,510 Petition to institute a public use proceeding                        |         |  |  |  |
|   | 140 110 240 55 Petition to revive - unavoidable  |         |  |  |  |
| SUBTOTAL (1) (\$) 710.00  | 141 1,240 241 620 Petition to revive - unintentional                                     |         |  |  |  |
| 2. EXTRA CLAIM FEES   | 142 1,240 242 620 Utility issue fee (or reissue)   |         |  |  |  |
| Fee from Extra Claims below Fee Paid  | 143 440 243 220 Design issue fee   |         |  |  |  |
| Total Claims 35 -20** = 15 x 18 = \$270                                       | 144 600 244 300 Plant issue fee  |         |  |  |  |
| Independent 3 - 3** = 0 x 80 = \$0  | 122 130 122 130 Petitions to the Commissioner  |         |  |  |  |
| Multiple Dependent 270 = \$0  | 123 50 123 50 Petitions related to provisional applications                              |         |  |  |  |
|   | 126 240 126 240 Submission of Information Disclosure Stmt                                |         |  |  |  |
| Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$) | 581 40 581 40 Recording each patent assignment per property (times number of properties) |         |  |  |  |
| 103 18 203 9 Claims in excess of 20   | 146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))            |         |  |  |  |
| 102 80 202 40 Independent claims in excess of 3                               | 149 710 249 355 For each additional invention to be                                      |         |  |  |  |
| 104 270 204 135 Multiple dependent claim, if not paid                         | examined (37 CFR § 1.129(b))   |         |  |  |  |
| 109 80 209 40 ** Reissue independent claims over original patent              | 179 710 279 355 Request for Continued Examination (RCE)                                  |         |  |  |  |
| 110 18 210 9 ** Reissue claims in excess of 20 and over original patent       | 169 900 169 900 Request for expedited examination of a design application                |         |  |  |  |
| SUBTOTAL (2) (\$) 270.00  | Other fee (specify)  |         |  |  |  |
| *for number previously paid, if greater; For Reissues, see above              | Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$\sqrt{0}.00                             |         |  |  |  |
| SUBMITTED BY  | Complete (if applicable)   |         |  |  |  |
| Name (PrintlType) Paul J. Farrell   | Registration No. (Attorney/Agent) 33,494 Telephone (516) 228-8484                        | 4       |  |  |  |

Date November 29, 2000 Signature

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Aglel Number EL260887645US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 2021

Dated: November 29, 2000

(Name) Theodosios Thomas

Atty. Docket No. 678-569 (P9606)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents Washington, D.C. 20231



## UTILITY APPLICATION FEE TRANSMITTAL

| Sir:  |
|---|
| Transmitted herewith for filing is the patent application of  |
| Inventor(s): Sung-Ho CHOI et al.  |
| APPARATUS AND METHOD FOR ASSIGNING A COMMON PACKET CHANNEL IN A CDMA COMMUNICATION SYSTEM   |
| Enclosed are:   |
| x 121 page(s) of specification  |
| page(s) of Abstract   |
| page(s) of claims   |
| sheets of drawings formal informal  |
| page(s) of Declaration and Power of Attorney  |
| An Assignment of the invention to   |
| CERTIFICATION UNDER 37 C.F.R. § 1.10  |
| I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date November 29, 2000 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL260887645US addressed to: Assistant Commissioner for Patents, BOX PATENT APPLICATION, Washington, D.C. 20231. |
| Theodosios Thomas (Type or print name of person pailing paper)  (Signature of person mailing paper)   |

| Application(s       |                 | cation claims the b                | enefit under 3                      | 5 U.S.C.    | §119(e) of U.S | S. Provision | ıal             |             |
|---------------------|-----------------|------------------------------------|-------------------------------------|-------------|----------------|--------------|-----------------|-------------|
|                     | APPLICA         | TION NO(S).:                       |                                     | FIL         | ING DATE       |              |                 |             |
|                     |                 |                                    | _                                   |             |                |              |                 |             |
| ⊠                   | Certified o     | copy of application                |                                     |             |                |              |                 |             |
| Coun                | try             | Appln. No.                         |                                     | <u>File</u> | <u>:d</u>      |              |                 |             |
| KOR                 | EA              | 53630/1999                         |                                     | No          | vember 29, 19  | 99           |                 |             |
| KOR                 | EA              | 8316/2000                          |                                     | Fet         | oruary 21, 200 | 0            |                 |             |
| KOR                 | EA              | 10823/2000                         |                                     | Feb         | oruary 29, 200 | 0            |                 |             |
| <u>KOR</u>          | EA              | 11184/2000                         |                                     | Ma          | rch 2, 2000    |              |                 |             |
| KOR)                |                 | 17743/2000<br>ry under Title 35 Ui | nited States Co                     |             | ril 4, 2000    |              |                 |             |
| nom                 | is encl         |                                    | inica States Co                     | , y 11.     | 7 is claimed   |              |                 |             |
|                     | ⊠ will fo       | bllow.                             |                                     |             |                |              |                 |             |
|                     | <u>C</u>        | CALCULATION O                      | F UTILITY A                         | PPLICAT     | ΓΙΟΝ FEE       |              |                 |             |
| For                 | Number<br>Filed | Number<br>Extra                    | · · · · · · · · · · · · · · · · · · | Ra          | te             |              | Basic<br>\$ 710 |             |
| Γotal<br>Claims*    | 35 -            | 20 = 15                            | x                                   | \$ 1        | 8.00           |              | \$ 27           | <u>0.00</u> |
| ndependent          | 3               | 3 = 0                              | х                                   | \$ 8        | 0.00           |              | \$              | <u>0.00</u> |
| Multiple            | □ yes           | Add'l. Fee                         | х                                   |             | 70.00          |              |                 | 0.00        |
| Dependent<br>Claims | ⊠ no            | Add'l. Fee                         |                                     | No          | one            | =            | \$ 0            | 0.00        |
|                     |                 |                                    |                                     |             |                |              |                 |             |

\$ 980.00

TOTAL

<sup>\*</sup>Includes all independent and single dependent claims and all claims referred to in multiple claims. See C.F.R. § 1.75(c).

|                | Verified Statement of "Small Entity" Status U C.F.R. § 1.9(f) (50% of total) paid herewith \$  |   | Reduced fees under 37   |
|----------------|--|---|---|
|                | The amount of \$40.00 for recording the attach   | ed Assignment is enclo  | osed as a separate check  |
| X              | A check in the amount of \$ 980.00 recording,  filing fee(s) is attached.  |   |   |
|                | Charge fee to Deposit Account No. 04-1121 TWO (2) COPIES OF THIS SHEET ARE E   |   |   |
| ×              | Please charge any deficiency as well as any of C.F.R. § 1.16 and 1.17, at any time during the overpayment of such fee(s) to Deposit Account extensions of time for responding are required paper as a petition to extend the time as required 104-1121 therefor. TWO (2) COPIES OF THE | pendency of this applint No. <u>04-1121</u> . Also, for the pending applicated and charge Deposit | cation, or credit any in the event any tion(s), please treat this Account No. |
| Date: <u>1</u> | November 29, 2000  | SIGNATURE OF ATTORNEY   |   |
|                |  | Paul J. Farrell<br>Reg. No33,494  | 4   |

DILWORTH & BARRESE, LLP 333 Earle Ovington Blvd. Uniondale, NY 11553 Tel. No. (516) 228-8484 Fax. No. (516) 228-8516 PJF/TT/lah